

## ABSTRACT OF THE DISCLOSURE

A data carrier obtains necessary electric power and information by receiving a radio wave from a reader through an antenna and an information communication unit, and a control unit executes a required process based on the above information and information stored in a multi-value memory. A surface/underside judging unit detects the surface or the underside of the data carrier from a direction of an electric current flowing across a coil, and has different functions executed based on a result of this detection. A game machine comprises a body having a first control device for transmitting and receiving data required for an advancement in a game, and game parts including the data carrier having a second control device for mutually transferring the data with respect to the body and transmitting and receiving driving electric power, and controlling an internal operation with a signal from the body, and a multi-value memory stored with information containing identifying information, whereby positions of the game parts such as pieces can be surely traced. A surface/underside judging device is further provided, and a different process can be executed based on a result of a surface/underside judgement.